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OM protein - protein search, using sw model

Run on: December 15, 2003, 14:50:12 ; Search time 21 Seconds  
(without alignments)  
624.589 Million cell updates/sec

Title: US-09-831-805A-6  
Perfect score: 1635  
Sequence: 1 MALRRPRLRLCARLPDFL.....VNYINTDEGDFRHKSSFVI 310

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.\*

- 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep.\*
- 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep.\*
- 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep.\*
- 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep.\*
- 5: /cgn2\_6/ptodata/1/1aa/PCTUS\_COMB.pep.\*
- 6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	476	29.1	298	US-09-152-060-76	Sequence 76, Appl
2	456.5	27.9	312	US-09-254-465A-9	Sequence 9, Appl
3	449.5	27.5	300	US-09-254-465A-10	Sequence 10, Appl
4	419	25.6	299	US-09-188-930-331	Sequence 331, App
5	419	25.6	299	US-09-462-270-2	Sequence 2, Appl
6	419	25.6	299	US-09-254-465A-1	Sequence 1, Appl
7	419	25.6	299	US-09-312-283C-189	Sequence 189, App
8	419	25.6	299	US-09-312-283C-331	Sequence 331, App
9	407	24.9	299	US-09-188-930-189	Sequence 189, App
10	387.5	23.7	260	US-09-254-465A-23	Sequence 23, Appl
11	387.5	23.7	263	US-09-254-465A-25	Sequence 25, Appl
12	283	17.3	205	US-09-462-270-4	Sequence 4, Appl
13	231.5	14.2	319	US-08-597-495B-22	Sequence 22, Appl
14	231.5	14.2	319	US-09-068-051A-22	Sequence 22, Appl
15	231.5	14.2	319	US-09-336-536-67	Sequence 67, Appl
16	231.5	14.2	319	US-09-254-465A-6	Sequence 6, Appl
17	220.5	13.5	270	US-09-254-465A-24	Sequence 24, Appl
18	220.5	13.5	273	US-09-254-465A-26	Sequence 26, Appl
19	215.5	13.2	318	US-09-068-051A-32	Sequence 32, Appl
20	198.5	12.1	387	US-09-175-928-2	Sequence 2, Appl
21	197.5	12.1	373	US-09-996-243-503	Sequence 503, App
22	175.5	10.7	370	US-09-336-536-28	Sequence 28, Appl
23	171.5	10.5	390	US-08-979-424-1	Sequence 1, Appl
24	171.5	10.5	394	US-09-336-536-39	Sequence 39, Appl
25	168.5	10.3	341	US-09-336-536-29	Sequence 29, Appl
26	168.5	10.3	398	US-09-778-510-6	Sequence 6, Appl
27	167	10.2	365	US-09-336-536-40	Sequence 40, Appl

28	164.5	10.1	246	4	US-09-336-536-31	Sequence 31, Appl
29	164.5	10.1	365	3	US-08-928-383B-2	Sequence 2, Appl
30	161.5	9.9	352	4	US-09-996-243-505	Sequence 505, App
31	161.5	9.9	365	2	US-08-979-424-3	Sequence 3, Appl
32	161.5	9.9	365	3	US-09-272-496-2	Sequence 2, Appl
33	158	9.7	95	3	US-08-928-383B-18	Sequence 18, Appl
34	157.5	9.6	1101	3	US-08-986-485-2	Sequence 2, Appl
35	156	9.5	1501	2	US-08-447-464-3	Sequence 3, Appl
36	156	9.5	1501	2	US-08-716-679-3	Sequence 3, Appl
37	155.5	9.5	249	4	US-09-336-536-42	Sequence 42, Appl
38	155.5	9.5	612	2	US-08-752-307B-11	Sequence 11, Appl
39	155.5	9.5	612	4	US-08-707-802-11	Sequence 11, Appl
40	155.5	9.5	612	4	US-09-991-326-11	Sequence 11, Appl
41	155.5	9.5	1268	4	US-08-506-296B-28	Sequence 28, Appl
42	155	9.5	432	4	US-09-778-510-2	Sequence 2, Appl
43	154	9.4	1651	3	US-09-540-245A-18	Sequence 18, Appl
44	152.5	9.3	869	1	US-08-374-834-16	Sequence 16, Appl
45	152.5	9.3	869	2	US-08-644-271-29	Sequence 29, Appl

ALIGNMENTS

RESULT 1  
US-09-152-060-76  
; Sequence 76, Application US/09152060  
; Patent No. 6448230  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: 28 Human Secreted Proteins  
; FILE REFERENCE: P2003P1.US  
; CURRENT APPLICATION NUMBER: US/09/152.060  
; CURRENT FILING DATE: 1998-09-11  
; EARLIER APPLICATION NUMBER: PCT/US98/04858  
; EARLIER FILING DATE: 1998-03-12  
; EARLIER APPLICATION NUMBER: 60/040,762  
; EARLIER FILING DATE: 1997-03-14  
; EARLIER APPLICATION NUMBER: 60/040,710  
; EARLIER FILING DATE: 1997-03-14  
; EARLIER APPLICATION NUMBER: 60/050,934  
; EARLIER FILING DATE: 1997-05-30  
; EARLIER APPLICATION NUMBER: 60/048,100  
; EARLIER FILING DATE: 1997-05-30  
; EARLIER APPLICATION NUMBER: 60/048,357  
; EARLIER FILING DATE: 1997-05-30  
; EARLIER APPLICATION NUMBER: 60/048,189  
; EARLIER FILING DATE: 1997-05-30  
; EARLIER APPLICATION NUMBER: 60/057,765  
; EARLIER FILING DATE: 1997-09-05  
; EARLIER APPLICATION NUMBER: 60/048,970  
; EARLIER FILING DATE: 1997-06-06  
; EARLIER APPLICATION NUMBER: 60/068,368  
; EARLIER FILING DATE: 1997-12-19  
; NUMBER OF SEQ ID NOS: 118  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 76

; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (42)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
; FEATURE:  
; NAME/KEY: SITE  
; LOCATION: (58)  
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-09-152-060-76

Query Match 29.1%; Score 476; DB 4; Length 298;  
Best Local Similarity 35.8%; Pred. No. 8.2e-41;  
Matches 114; Conservative 59; Mismatches 117; Indels 28; Gaps 10;

QY 1 MALRPPRLRLCARLPDFLLFRGCLIG-----AVNLKSSNRTPVVO--EFESVELSC 53  
Db 1 MARRSRHL-----LLLLLRYLVVALGYHKAYGFSAPKQQVTVAVXYQAILAC 50  
QY 54 ITTDSQSDPRIWKIODEQTYFFDNKIQDLAGRAELIGKTSKIXNWRDSDALY 113  
Db 51 -KTPKTKVSRLEWKKL-GRSVFVYQOTLQDGFKNRAEMI-DFNIRIKNWRSDAGKY 107  
QY 114 RCEVVARNDR-KEIDEIVIELTVQKVPVPCRVKAVPVGKMATLHCQEGEGHPRPHYS 172  
Db 108 RCEVAPSEQONLEEDTTLVLVAPVPSCEVPSSALSGTVBELRCQKEGNPAPYPT 167  
QY 173 WYRNDVPLPTDSRANPRFRNSSHLNSETGLVFTAVHKDDSGQYCIASNDAGSARCEE 232  
Db 168 WFKDGIRLLENPRLGQSSTNSSTYTNKTGTLQFNTVSKLDTGEYSCARNVGVYRRCPG 227  
QY 233 QMEVYDNLNIGIIGVVLVAVLALITLIGCCAVRRGYFNNKQDGESYKPNKPGPDGVN 292  
Db 228 KRMQVDDLNIISGIIAAVVVALVISVCGLGVCYAQRKGYY--SKE--TSFQ---KSNSSS 280  
QY 293 YRTDEEGDFRHKSSFVI 310  
Db 281 KATTMSENDFRHKSPFI 298

RESULT 2  
US-09-254-465A-9

; Sequence 9, Application US/09254465A  
; Patent No. 6410708  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Fong, Sherman  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
; FILE REFERENCE: P1216R1(US)  
; CURRENT APPLICATION NUMBER: US/09/254,465A  
; CURRENT FILING DATE: 1999-03-05  
; PRIOR APPLICATION NUMBER: PCT/US98/24855  
; PRIOR FILING DATE: 1998-11-20  
; PRIOR APPLICATION NUMBER: US 60/066,364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: US 60/078,936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: PCT/US98/19437  
; PRIOR FILING DATE: 1998-09-17  
; NUMBER OF SEQ ID NOS: 30  
; SEQ ID NO 9  
; LENGTH: 312  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-254-465A-9

Query Match 27.9%; Score 456.5; DB 4; Length 312;  
Best Local Similarity 37.1%; Pred. No. 9e-39;  
Matches 104; Conservative 51; Mismatches 104; Indels 21; Gaps 7;

QY 1 MALRPPRLRLCARLPDFLLFRGCLIG-----AVNLKSSNRTPVVO--EFESVELSC 53  
Db 1 MARRSRHL-----LLLLLRYLVVALGYHKAYGFSAPKQQVTVAVXYQAILAC 50  
QY 54 ITTDSQSDPRIWKIODEQTYFFDNKIQDLAGRAELIGKTSKIXNWRDSDALY 113  
Db 51 -KTPKTKVSRLEWKKL-GRSVFVYQOTLQDGFKNRAEMI-DFNIRIKNWRSDAGKY 107  
QY 114 RCEVVARNDR-KEIDEIVIELTVQKVPVPCRVKAVPVGKMATLHCQEGEGHPRPHYS 172  
Db 108 RCEVAPSEQONLEEDTTLVLVAPVPSCEVPSSALSGTVBELRCQKEGNPAPYPT 167

QY 173 WYRNDVPLPTDSRANPRFRNSSHLNSETGLVFTAVHKDDSGQYCIASNDAGSARCEE 232  
Db 168 WFKDGIRLLENPRLGQSSTNSSTYTNKTGTLQFNTVSKLDTGEYSCARNVGVYRRCPG 227  
QY 233 QMEVYDNLNIGIIGVVLVAVLALITLIGCCAVRRGYF 272  
Db 228 KRMQVDDLNIISGIIAAVVVALVISVCGLGVCYAQRKGYY 267

RESULT 3

US-09-254-465A-10  
; Sequence 10, Application US/09254465A  
; Patent No. 6410708  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi J.  
; APPLICANT: Fong, Sherman  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
; FILE REFERENCE: P1216R1(US)  
; CURRENT APPLICATION NUMBER: US/09/254,465A  
; CURRENT FILING DATE: 1999-03-05  
; PRIOR APPLICATION NUMBER: PCT/US98/24855  
; PRIOR FILING DATE: 1998-11-20  
; PRIOR APPLICATION NUMBER: US 60/066,364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: US 60/078,936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: PCT/US98/19437  
; PRIOR FILING DATE: 1998-09-17  
; NUMBER OF SEQ ID NOS: 30  
; SEQ ID NO 10  
; LENGTH: 300  
; TYPE: PRT  
; ORGANISM: Mus musculus  
US-09-254-465A-10

Query Match 27.5%; Score 449.5; DB 4; Length 300;  
Best Local Similarity 35.2%; Pred. No. 4.5e-38;  
Matches 105; Conservative 56; Mismatches 122; Indels 15; Gaps 7;

QY 20 LLLFRGCLIGAV-----NLKSSNRTPVVOEFESVELSCIITDSDPRIWKIODEQ 74  
Db 11 LLLFTSMILGSLVQKGVVTAQSDVQVPENESIKLTC--TSGFSRPRVEMKVFQGST 68  
QY 75 TTYVFFDNKIQDLAGRAELIGKTSKIXNWRDSDALYRCEVVARNDRKEIDEIVIELT 134  
Db 69 TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKNGEYTC-MVSEEGQNYGEVSIHLT 126  
QY 135 VQKVPVPCRVKAVPVGKMATLHCQEGEGHPRPHYSWYRNDVPLPT-DSRANPRFRNS 193  
Db 127 VLVPSPKPTTSVPSVTVIGHRAVLTCSEHDGSPSEVSWFKDGISMLTADAKKTRAFNS 186  
QY 194 SSLNSETGLVFTAVHKDDSGQYCIASNDAGSA-RCEQEMEVYDNLNIGIIGVVLV 252  
Db 187 SFTIDPKSGDLIFDPVTAFDSDGEYVQAGYGTARSEAAHMDAVELNVGIVAAVLVT 246  
QY 253 LAVLALITLIGCCAVRRGYFNNKQDGESYKPNKPGPDGVNVRTDEEGDFRHKSSFVI 310  
Db 247 LILLGLLIFGVWFAYSRGYFETTKKG----TAPGKKVIYQSPSTRSEGEFKQTSFLV 300

RESULT 4

US-09-188-930-331  
; Sequence 331, Application US/09188930A  
; Patent No. 6150502  
; GENERAL INFORMATION:

```
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Iorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James Grog
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 331
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Human
US-09-188-930-331

Query Match      25.6%; Score 419; DB 3; Length 299;
Best Local Similarity 32.8%; Pred. No. 6.2e-35;
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLLLFRGLIGAVNLKSSNRTVPVQEFESVELSCIITDSQTSDPRIEW 67
DB 9 RKLLCL-----FILAILLCSLALGSVTVHSSPEVRIPENNPKVLSLAY--SGFSSPRVEW 62
QY 68 KKIODEQTYVFPDNKIQDLAGRAEILGKTSKIMVNTRRDSALYRCVVARNDRKEID 127
DB 63 KFDQDGTTRLVCYNNKITASYEDRVTFI-PTGITFKSVTREDTGYTC-MVSEEGGNSYG 120
QY 128 EIVIELTVQVKPVTVCVRPKAVPVGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
DB 121 EVKVKLIVLPSPKPTVNPISATIGNRAVLTCSEQDGSPPSEYTFWFKDGIWMPNPKST 180
QY 188 PRFNSSSHLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCEQ-EMEYVDNLIGIIL 246
DB 181 RAFNSSYVLNPTTGGELVDFPLSDTGEYSCEARNGYGTPTMTSNAVRMEAVERNVGIV 240
QY 247 GGVLVLAVALITLIGICCAVRGCFINNKGDSG-----YKNPKGPDGVNVRTDEEGDF 302
DB 241 AAVLVTLLILGLVFGIWFAYSRGHFDRTKGTSKKVIYSQPS-----ARSEGEF 291
QY 303 RHKSSFVI 310
DB 292 KQTSSFLV 299

RESULT 6
US-09-254-465A-1
; Sequence 1, Application US/092544465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/254,465A
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 1
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-254-465A-1

Query Match      25.6%; Score 419; DB 4; Length 299;
Best Local Similarity 32.8%; Pred. No. 6.2e-35;
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLLLFRGLIGAVNLKSSNRTVPVQEFESVELSCIITDSQTSDPRIEW 67
DB 9 RKLLCL-----FILAILLCSLALGSVTVHSSPEVRIPENNPKVLSLAY--SGFSSPRVEW 62
QY 68 KKIODEQTYVFPDNKIQDLAGRAEILGKTSKIMVNTRRDSALYRCVVARNDRKEID 127
DB 63 KFDQDGTTRLVCYNNKITASYEDRVTFI-PTGITFKSVTREDTGYTC-MVSEEGGNSYG 120
QY 128 EIVIELTVQVKPVTVCVRPKAVPVGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRAN 187
DB 121 EVKVKLIVLPSPKPTVNPISATIGNRAVLTCSEQDGSPPSEYTFWFKDGIWMPNPKST 180
QY 188 PRFNSSSHLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCEQ-EMEYVDNLIGIIL 246
DB 181 RAFNSSYVLNPTTGGELVDFPLSDTGEYSCEARNGYGTPTMTSNAVRMEAVERNVGIV 240
QY 247 GGVLVLAVALITLIGICCAVRGCFINNKGDSG-----YKNPKGPDGVNVRTDEEGDF 302
DB 241 AAVLVTLLILGLVFGIWFAYSRGHFDRTKGTSKKVIYSQPS-----ARSEGEF 291
QY 303 RHKSSFVI 310
DB 292 KQTSSFLV 299

RESULT 5
US-09-462-270-2
; Sequence 2, Application US/09462270
; Patent No. 6358707
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Human Fil Antigen: A Cell Surface
; TITLE OF INVENTION: Receptor Involved in Platelet Aggregation
; FILE REFERENCE: GH-70150US
; CURRENT APPLICATION NUMBER: US/09/462,270
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/052,186
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 299
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-2

Query Match      25.6%; Score 419; DB 4; Length 299;
Best Local Similarity 32.8%; Pred. No. 6.2e-35;
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

QY 8 RLRLCARLPDPFLLLLFRGLIGAVNLKSSNRTVPVQEFESVELSCIITDSQTSDPRIEW 67
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Qy	188	PRFRNSSHLSNSETGLVFTAVHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGLI	246
		181	RAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNVARMCAVERNUGVIV
Db	240		
Qy	247	GGVLVVLAVLALITIGICCAVRGYFFINNKDGES-----YKNPKGPDGVNYITRDEGDF	302
Db	241	AAVLVTLLIGILVFGIWFAYSRGHFDRTKGTSSKKVIYSQPS-----ARSEGEF	291
Qy	303	RHKSSFVI	310
Db	292	KOTSSFLV	299

## RESULT 7

US-09-312-283C-189  
: Sequence 189, Application US/09312283C

; sequence 103, Appl.  
: Patent No. 6573095

; PACELL NO. 6573095  
: GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: WALSH, JAMES D.  
APPLICANT: Strachan, Lorna

APPLICANT: SLACMAN, LOUIS  
APPLICANT: Sleeman, Matthew

APPLICANT: Steeman, MacCue  
APPLICANT: Onrust, Rene

APPLICANT: Murison, James G.

APPLICANT: Kumble, Krishanand D.

**TITLE OF INVENTION:** Compositions Isolated from Skin Cells

; TITLE OF INVENTION: and Methods for Their Use

; FILE REFERENCE: 11000.1011C2

CURRENT APPLICATION NUMBER: US/01

;  
;  
; CURRENT FILING DATE: 1999

; NUMBER OF SEQ ID NOS: 425

; SOFTWARE: FAN

; SEQ ID NO 189

; LENGTH: 299

; TYPE: PRT

; ORGANISM: Mous

Query Match 25.6%; Score 419; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. NO. 6.2e-35;  
Matches 101; Conservative 47; Mismatches 138; Indels 22; Gaps 7;

Qy	8	RRLRLCARLPDPDFLLLLFRGCLLIGAVNLKSSNRTPVQEFSEFVELSCIIITDSQTSDDRIE	67
Db	9	RKLLCL----FLAILLCSLGSVTHSSPEVRIENNPNVKLSLAY--SGFSSRPVEM	62
Qy	68	KKIQDEQTTVPYFDFNKIQDLAGRAEILGKTSKLIWNRDRDSALYCEVVAANDRKEID	127
Db	63	KFDQDQTTFLVCYNNKIITASVEDRVTFLL-PTGIIFKSVTREDTGTTC-MVSEEGNSYG	120
Qy	128	EIVIELTVOQVPTVPCRVPKAPVGVKQATLHCQSESEGHPRPHYSWTRNDVPLPTDSRAN	187
Db	121	EYVKVLIVLPSPKPTVPIPSATIGNRAVLTCSEQDQSPPEYTFWFKDGIWMTPTPKST	180
Qy	188	PPFRSSSHLNSETGLFTVAHKDDSGQYVCIASNDAGSARCEEQ-EMEYVDLNTGGII	246
Db	181	RAFSNSYVNLPTTGLVPDPLUSADTGEYCEARNGVGTPMTSNVAVMEAVERNVGVI	240
Qy	247	GGVVLVAVLALITLIGICAYRRGYFINNKQDGES----YKNPKGPDGVNVIYRTDEGDF	302
Db	241	AAVLVTLILGLILVGIWFWYASRGHEDRTKGTSSKKVIYSOPS-----ARSEGF	291

## RESULT 8

US-09-312-283C-331

00 00 312 2030 331  
; Sequence 331, Application US/09312283C

; Patent No. 6573095

GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Strachan, Lorna



```
RESULT 12
US-09-462-270-4
; Sequence 4, Application US/09462270
; Patent No. 6358707
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Human FII Antigen: A Cell Surface
; FILE OF INVENTION: Receptor Involved in Platelet Aggregation
; FILE REFERENCE: GH-70150US
; CURRENT APPLICATION NUMBER: US/09/462,270
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/052,186
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 205
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-4

Query Match      17.3%; Score 283; DB 4; Length 205;
Best Local Similarity 33.7%; Pred. No. 3.6e-21;
Matches 67; Conservative 31; Mismatches 93; Indels 8; Gaps 4;

Qy      8 RLRLCARLPDFLLFRGLIGAVNLKSSNRTPVVQEFESVELSCIIITDSQTSDPRIEW 67
Db      9 KLLCLL----FLAILLCSLAGSVTVHSSSEPEVIPENNPVKLSLAY--SGFSSPRVEM 62

Qy      68 KKIQEQTYVFFDNKIQDLAGRAEILGKTSKLTWNTRDSALYRCEVVARNDKREID 127
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Qy      188 PRFRNSSSHLNSGTGLVF 206
Db      181 RAFSNSSVLPNPTGELVF 199

RESULT 13
US-08-597-495B-22
; Sequence 22, Application US/08597495B
; Patent No. 5712369
; GENERAL INFORMATION:
; APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
; APPLICANT: Catimel, B.; Ji, Hong; Burgess, Anthony W.;
; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron
; TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
; TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/597,495B
; FILING DATE: 02-Feb-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/511,876
; FILING DATE: 04-Aug-1995

RESULT 14
US-09-068-051A-22
; Sequence 22, Application US/09068051A
; Patent No. 6291235
; GENERAL INFORMATION:
; APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
; APPLICANT: Catimel, B.; Ji, Hong; Burgess, Anthony W.;
; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron
; TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
; TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski LLP
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/068,051A
; FILING DATE: 10-Dec-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/597,495
```

FILING DATE: 02-Feb-1996  
APPLICATION NUMBER: 08/511,876  
FILING DATE: 04-Aug-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6291235man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5316.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 318-3168  
TELEFAX: (212) 752-5958  
INFORMATION FOR SEQ ID NO: 22  
SEQUENCE CHARACTERISTICS:  
LENGTH: 319 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 22  
US-09-068-051A-22

Query Match 14.2%; Score 231.5; DB 3; Length 319;  
Best Local Similarity 26.8%; Pred. No. 1.4e-15;  
Matches 81; Conservative 46; Mismatches 134; Indels 41; Gaps 13;

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Db 19 VDAISVETPQDVLRSQGSVTLPTCTYHTSTSSREGLIQWDKLLLTHTERVVWPFNSKN 78  
QY 84 -IQGDL-----AGRAEILGKTSLKINVTTRDSALYRCVAVARNDRKEIDEIVIELTV 135  
Db 79 YIHGELYKNRVSISNNAE-QSDASITIDLTWADNGTYECSVLSMSDLEGNTKSRVLLV 137  
QY 136 QVKPVPVCRVPKAVPVGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRANPRFRNSS 195  
Db 138 LVPPSKPEGIEGETIIGNNIQLTCSQKSGSPQYSWKRYNINLQEQPLAQPSGQPVS 197  
QY 196 HLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCE-EQEMEVDNLNIG---GIIGGLV 251  
Db 198 LKNIST-----DTSGYICTSSNEEGTQCNITVAVRSPSMVALYVGIAVGVA 247  
QY 252 VLAVLALITLIGICAYRRGYFIN--NKQD-----ESYKNPKGPDGVNYI--RTDEGDPR 303  
Db 248 ALIIGIILYYCCCC---RGKDNTEDKEDARNREAYEEP--PEQLRELSREREEDDYR 302  
QY 304 HK 305  
Db 303 QE 304

Search completed: December 15, 2003, 14:53:40  
Job time : 23 secs

RESULT 15  
US-09-336-536-67  
Sequence 67, Application US/09336536  
Patent No. 6406884  
GENERAL INFORMATION:  
APPLICANT: Leiby, K.  
APPLICANT: McKay, C.  
TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF  
FILE REFERENCE: 7853-144  
CURRENT APPLICATION NUMBER: US/09/336,536  
CURRENT FILING DATE: 1999-06-18  
NUMBER OF SEQ ID NOS: 75  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 67  
LENGTH: 319  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-336-536-67

Query Match 14.2%; Score 231.5; DB 4; Length 319;  
Best Local Similarity 26.8%; Pred. No. 1.4e-15;  
Matches 81; Conservative 46; Mismatches 134; Indels 41; Gaps 13;

QY 29 ICAVNLKSSNRTPVVOEFESVELSCII-TDSQTSDFRIEWKKIQDEQTYTF---FDNK- 83  
Db 19 VDAISVETPQDVLRSQGSVTLPTCTYHTSTSSREGLIQWDKLLLTHTERVVWPFNSKN 78  
QY 84 -IQGDL-----AGRAEILGKTSLKINVTTRDSALYRCVAVARNDRKEIDEIVIELTV 135  
Db 79 YIHGELYKNRVSISNNAE-QSDASITIDLTWADNGTYECSVLSMSDLEGNTKSRVLLV 137  
QY 136 QVKPVPVCRVPKAVPVGKMATLHCQSEGHPRPHYSWYRNDVPLPTDSRANPRFRNSS 195  
Db 138 LVPPSKPEGIEGETIIGNNIQLTCSQKSGSPQYSWKRYNINLQEQPLAQPSGQPVS 197  
QY 196 HLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCE-EQEMEVDNLNIG---GIIGGLV 251  
Db 198 LKNIST-----DTSGYICTSSNEEGTQCNITVAVRSPSMVALYVGIAVGVA 247  
QY 252 VLAVLALITLIGICAYRRGYFIN--NKQD-----ESYKNPKGPDGVNYI--RTDEGDPR 303  
Db 248 ALIIGIILYYCCCC---RGKDNTEDKEDARNREAYEEP--PEQLRELSREREEDDYR 302  
QY 304 HK 305  
Db 303 QE 304

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